

In the Claims:

Please cancel claim 11 and 12 without prejudice.

Please amend claims 1, 5, 6, 7, 14, 15, 17 and 18 as follows:

1. (currently amended) A method for implementing enhanced query governor functions using a computer system for providing enhanced performance for said computer system, said computer system performing said method comprising the steps of:

monitoring events,

responsive to an event to modify attributes, performing a modify attributes routine; said modify attributes routine including checking for a monitor being requested; and responsive to a monitor being requested, setting a timeout value for the requested monitor; the requested monitor including a query execution component of at least one of data retrieval, a user defined function (UDF) processing and a trigger processing;

responsive to an event to execute query, performing an execute query routine; said execute query routine including:

checking for a timeout value for the query and checking for a timeout value of ~~the~~ each requested monitor including ~~at least one of~~ the query data retrieval, said user defined function (UDF) processing and said trigger processing;

responsive to identifying a timeout value for the query data retrieval, resetting an execution time for the query;

starting a monitor for an identified timeout value for the query data retrieval and starting a monitor for ~~an~~ each identified timeout value of ~~the each~~ requested monitor

including ~~said at least one of~~ said user defined function (UDF) processing and said trigger processing;

starting the execution of the query;

monitoring the execution of predefined events during the execution of the query;
said predefined events including a begin or end of processing of said each requested monitor including ~~at least one of~~ said trigger processing and said user defined function (UDF) processing;

periodically checking execution status of the query;

responsive to identifying the query is executing, checking for an expired timeout value for the query data retrieval and for ~~the each~~ requested monitor including ~~at least one of~~ said user defined function (UDF) processing and said trigger processing; and

halting the execution of the query responsive to an identified expired timeout value.

2. (canceled)

3. (previously presented) A method for implementing enhanced query governor functions as recited in claim 1 wherein the step of monitoring the execution of said predefined events includes the step of recording each trigger event start time and stop time.

4. (previously presented) A method for implementing enhanced query governor functions as recited in claim 1 wherein the step of monitoring the execution of said predefined events includes the step of recording each user defined function (UDF) start time and stop time.

5. (currently amended) A method for implementing enhanced query governor functions as recited in claim 1 wherein the step of monitoring the execution of said predefined events includes the step of recording empirical data for said trigger processing, and said user defined function (UDF) processing.

6. (currently amended) A method for implementing enhanced query governor functions as recited in claim 5 includes the step of checking to determine based upon said recorded empirical data whether in most likelihood that the query can finish execution within timeout values for said trigger processing and said user defined function (UDF) processing, and responsive to determining in most likelihood the query will not finish execution within said timeout values, execution of the query is not started.

7. (currently amended) A method for implementing enhanced query governor functions as recited in claim 1 includes the step responsive to halting the execution of the query, setting return code values for said identified expired timeout value for processing ~~either~~ said UDF processing, ~~or~~ said trigger processing, and the query data retrieval.

8. (previously presented) A method for implementing enhanced query governor functions as recited in claim 1 wherein said modify attributes routine further includes the step of changing query attributes.

Claims 9-13. (canceled)

14. (currently amended) A computer-readable medium encoded with a computer program product for implementing enhanced query governor functions in a computer system, said computer-readable medium consisting one of a floppy disk, a

hard disk, a high capacity read only memory in the form of an optically read compact disk or CD-ROM, a DVD, a tape, a read only memory (ROM), and a random access memory (RAM). said computer program product including instructions stored on a computer-readable-storage computer-readable medium, wherein said instructions, when executed by the computer system to cause the computer system to perform the steps of:

monitoring events,

responsive to an event to modify attributes, performing a modify attributes routine; said modify attributes routine including checking for a monitor being requested; and responsive to a monitor being requested, setting a timeout value for the requested monitor; the requested monitor including a query execution component of at least one of data retrieval, a user defined function (UDF) processing and a trigger processing;

responsive to an event to execute query, performing an execute query routine; said execute query routine including:

checking for a timeout value for the query and checking for a timeout value of ~~the~~ each requested monitor including ~~at least one of~~ the query data retrieval, said user defined function (UDF) processing and said trigger processing;

responsive to identifying a timeout value for the query data retrieval, resetting an execution time for the query;

starting a monitor for an identified timeout value for the query data retrieval and starting a monitor for an each identified timeout value of ~~the each~~ requested monitor including ~~said at least one of~~ said user defined function (UDF) processing and said

trigger processing;

starting the execution of the query;

monitoring the execution of predefined events during the execution of the query;
said predefined events including a begin or end of processing of said each requested
monitor including ~~at least one of~~ said trigger processing and said user defined function
(UDF) processing;

periodically checking execution status of the query;

responsive to identifying the query is executing, checking for an expired timeout
value for the query data retrieval and for ~~the each~~ requested monitor including ~~at least
one of~~ said user defined function (UDF) processing and said trigger processing; and

halting the execution of the query responsive to an identified expired timeout
value.

15. (currently amended) A computer-readable medium encoded with a
computer program product for implementing enhanced query governor functions as
recited in claim 14 wherein said instructions further cause the computer system to
perform said modify attributes routine including the steps of changing query attributes.

16. (canceled)

17. (currently amended) A computer-readable medium encoded with a
computer program product for implementing enhanced query governor functions as
recited in claim 14 wherein the step of monitoring the execution of said predefined
events includes the step of recording empirical data for said trigger processing, and said
user defined function (UDF) processing.

18. (currently amended) A computer-readable medium encoded with a computer program product for implementing enhanced query governor functions as recited in claim 17 includes the steps of checking to determine based upon said recorded empirical data whether in most likelihood that the query can finish within timeout values for said trigger processing and said user defined function (UDF) processing, and only responsive to determining in most likelihood the query can finish within said timeout values, starting execution of the query.